

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant : Simard, et al.  
App. No : 10/777,053  
Filed : February 10, 2004  
For : EXPRESSION VECTORS ENCODING  
EPITOPES OF TARGET-ASSOCIATED  
ANTIGENS AND METHODS FOR  
THEIR DESIGN  
Examiner : F. Pierre VanderVegt  
Art Unit : 1644

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

March 10, 2006

(Date)

Marc T. Morley, Reg. No. 52,051

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing seventeen (17) references to be considered by the Examiner. Also enclosed are fifteen (15) foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed after the mailing date of a final action or after the mailing date of a Notice of Allowance. This Statement is accompanied by the fee set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: 3/10/06By: M.T. Morley

Marc T. Morley  
Registration No. 52,051  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

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**SUPPLEMENTAL INFORMATION  
DISCLOSURE****STATEMENT BY APPLICANT**

(Multiple sheets used when necessary)

SHEET 1 OF 2

Application No.	10/777,053
Filing Date	February 10, 2004
First Named Inventor	John Simard
Art Unit	1644
Examiner	Vandervegt, Francois P.
Attorney Docket No.	MANNK.022C1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1.	2003/0220239	11-2003	Simard, et al.	
	2.	2005/0130920	06-2005	Simard, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	3.	WO 99/45954	09-1999	Sette, et al.		
	4.	WO 01/55393	08-2001	Wang, et al.		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	5.	Bergmann, et al. "Differential Effects of Flanking Residues on Presentation of Epitopes from Chimeric Peptides." J. Virol. 5306-5310 (1994).	
	6.	Celis, et al. "Identification of Potential CTL Epitopes of Tumor-Associated Antigen Mage-1 for Five Common HLA-A Alleles." Mol. Immunol. 31(18): 1423-1430 (1994).	
	7.	Chaux, et al. "Estimation of the Frequencies of Anti-Mage-3 Cytolytic T-Lymphocyte Precursors in blood from Individuals without Cancer." Int. J. Cancer. 77:538-542 (1998).	
	8.	Eisenlohr, et al. "Flanking Sequences Influence the Presentation of an Endogenously Synthesized Peptide to Cytotoxic T Lymphocytes." J. Exp. Med. 175: 481-487 (1992).	
	9.	Gileadi, et al. "Effect of Epitope Flanking Residues on the Presentation of N-Terminal Cytotoxic T Lymphocyte Epitopes." Eur. J. Immunol. 29: 2213-2222 (1999).	
	10.	Gnjatic, et al. "Survey of naturally occurring CD4+ T cell responses against NY-ESO-1 in cancer patients: Correlation with antibody responses." PNAS USA. 100(15): 8862-8867 (2003).	
	11.	Gnjatic, et al. "Cross-Presentation of HLA Class I Epitopes from Exogenous NY-ESO-1 Polypeptides by Nonprofessional APCs." J. Immunol. 170: 1191-1196 (2003).	
	12.	Ochoa-Garay, et al. "The Ability of Peptides to Induce Cytotoxic T Cells <i>In Vitro</i> Does Not Strongly Correlate with their Affinity for the H-2Id Molecule: Implications for Vaccine Design and Immunotherapy." Molecular Immunology. 34(3): 273-281 (1997).	
	13.	Perkins, et al. "Immunodominance: Intramolecular Competition Between T Cell Epitopes." J. Immunol. 146: 2137-2144 (1991).	
	14.	Shastri, et al. "Presentation of Endogenous Peptide/MHC Class I Complexes is Profoundly Influenced by Specific C-Terminal Flanking Residues." J. Immunol. 155: 4339-4346 (1995).	

Examiner Signature

Date Considered

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

<b>SUPPLEMENTAL INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	10/777,053
	Filing Date	February 10, 2004
	First Named Inventor	John Simard
	Art Unit	1644
	Examiner	Vandervegt, Francois P.
SHEET 2 OF 2	Attorney Docket No.	MANNK.022C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	15.	Wang, et al., "New NY-ESO Cancer Peptide or MHC Class II Restricted T Cell Epitopes, Useful as Immunogen and Vaccine for Inhibiting Cancer in a Mammal or as Protection From Metastasis." N_Geneseq Accession No. AAD14184, 06 November 2001, page 2.	
	16.	Theobald, et al. "The Sequence Alteration Associated with a Mutational Hotspot in P53 Protects Cells from Lysis by Cytotoxic T Lymphocytes Specific for a Flanking Peptide Epitope." J. Exp. Med. 188(6): 1017-1028 (1998).	
	17.	Wang, et al. "Silencing of Immunodominant Epitopes by Contiguous Sequences in Complex Synthetic Peptides." Cell. Immunol. 143: 284-297 (1992).	

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